

Reply to Final Office Action of March 08, 2005
Amendment Dated: May 26, 2005

Appl. No.: 09/824,837
Attorney Docket No.: CSCO-004/3579

Amendments to Specification

Please add the following new paragraph after the paragraph ending on line 15 of page 6:

5 Figure 5 depicts the manner in which IP packets received on a point-to-point session are sent in a UDP tunnel, while providing differentiated QOS according to an aspect of the present invention.

Please replace the paragraph beginning at page 14 line 4, with the following rewritten paragraph:

10 While the above description is provided with respect to tunnels implemented using VC bundles on ATM backbones, it should be appreciated that alternative embodiments may be implemented using other technologies as described with combined reference to Figures 3 and 5. For example, tunnels may be implemented using UDP/IP transport, and in such a case marker 340 may merely provide the bits in TOS/precedence bits to forwarding block 360. In turn, forwarding block 360 may copy the received bits into the 15 TOS/precedence fields of the outer UDP/IP encapsulation as shown by the copying of TOS/precedence field 511 of packet 510 into TOS/precedence field 512 of UDP/IP packet 520 in Figure 5.

Please replace the paragraph beginning at page 14 line 10, with the following rewritten paragraph:

20 Accordingly, each packet (or datagram) 520 in the UDP/IP tunnel may have the same TOS/precedence bits of the transported packet 510. As the UDP/IP packet 520 in the tunnel may be provided the QOS corresponding to the TOS/precedence bits, the transported datagram may receive desired QOS. Also, as noted above, the components of 25 NAS 150 may be implemented in the form of software also. An example software implementation is described below in further detail.